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April 8, 2002

Commissioner for Patents
Box CPA
Washington, DC 20231

Re: Filing Continued Prosecution Application

Dear Sir:

Enclosed for filing please find a Continued Prosecution Application entitled:

METHOD FOR IDENTIFYING MUTANTS AND MOLECULES

by William F. Dove
Alexandra Shedlovsky

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, April 8, 2002, by the "Express Mail" service, utilizing Express Mail label number ET924501567US, addressed to: Commissioner for Patents, Box CPA, Washington, DC 20231.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "William F. Dove", followed by a horizontal line.

QBMAD\328928
Enclosures

04-09-02

CPA/1600

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

	CONTINUED PROSECUTION APPLICATION (CPA) REQUEST TRANSMITTAL		CHECK BOX, if applicable <input type="checkbox"/> DUPLICATE
	Submit an original and a duplicate for fee processing. (Only for Continuation or Divisional applications under 37 CFR 1.53(d))		

ADDRESS TO: Box CPA Commissioner for Patents Washington, D.C. 20231	Attorney Docket No.	960296.95491
	First Named Inventor	William F. Dove
	Examiner Name	J. Weitach
	Group/Art Unit	1632
	Express Mail Label	ET924501567US

This is a request for a ☒ continuation or ☐ divisional application under 37 CFR 1.53(d)
 (continued prosecution application (CPA) of prior application number 09/114,973
 filed on 07/14/1998, entitled METHOD FOR IDENTIFYING MUTANTS AND MOLECULES.)

NOTES

FILING QUALIFICATIONS: The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b) or (2) the national stage of an international application in compliance with 35 U.S.C. 371. A Notice will be placed on a patent issuing from a CPA, except for reissues and designs, to the effect that the patent issued on a CPA and is subject to the twenty year patent term provisions of 35 U.S.C. § 154(a)(2). Therefore the prior application of a CPA may have been filed before, on or after June 8, 1995.

C-I-P NOT PERMITTED: A continuation-in-part application cannot be filed as a CPA under 37 CFR 1.53(d), but must be filed under 37 CFR 1.53(b).

EXPRESS ABANDONMENT OF PRIOR APPLICATION: The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional or continuation-in-part of an application that is not to be abandoned.

ACCESS TO PRIOR APPLICATION: The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 27 CFR 1.14 to access to, copies of, or information concerning the prior application may be given similar access to, copies of, or similar information concerning the other application or applications in the file jacket.

35 U.S.C. 120 STATEMENT: In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted if a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such a request, 37 CFR 1.78(a).

1. ☐ Enter the unentered amendment previously filed on _____ under 37 CFR 1.116 in the prior nonprovisional application.
2. ☒ A preliminary amendment is enclosed
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53(d)(4).
 - a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:

 - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. ☒ Information Disclosure Statement (IDS) is enclosed.
 - a. ☒ PTO-1449
 - b. ☒ Copies of IDS Citations

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. GBMA0328918

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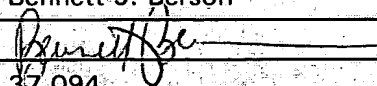
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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(C))	26 - 20* =	6	X \$18 =	\$ 108.00
	INDEPENDENT CLAIMS (37 CFR 1.16(B))	2 - 3** =	0	X \$ =	\$
	MULTIPLE INDEPENDENT CLAIMS (IF APPLICABLE) 37 CFR 1.16(d)			X \$ =	\$
				BASIC FEE (37 CFR 1.16(A))	\$ 740.00
	Total of above Calculations =				\$
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$
	* Reissue claims in excess of 20 and over the original patent ** Reissue independent claims over the original patent				TOTAL = \$ 848.00

6. ☐ Small entity status: Applicant claims small entity status.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees
Deposit Account No. 17-0055.
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.
8. ☐ A check in the amount of \$ _____ is enclosed.
9. ☐ Payment by credit card. For PTO-2038 is attached
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) (fee under 37 CFR 1.17(i) enclosed)
11. ☐ New Attorney Docket Number, if desired _____
(Prior application Attorney Docket Number will carryover to this CPA application unless a New Attorney Docket Number has been Provided herein).
- 12 a. ☐ Receipt for Facsimile Transmitted CPA (PTO/SB/29A)
- b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☐ Other:

NOTE: The prior application's correspondence address will carry over to this CPA
UNLESS a new correspondence address is provided below

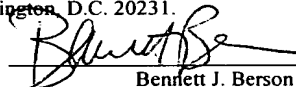
10. NEW CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
NAME	Bennett J. Berson				
	Quarles & Brady LLP				
ADDRESS	1 South Pinckney Street				
	P O Box 2113				
CITY	Madison	STATE	WI	ZIP CODE	53701-2113
COUNTRY	USA	TELEPHONE	608/251-5000	FAX	608/251-9166

11. SIGNATURE OF APPLICANT, ATTORNEY OR AGENT AS REQUIRED	
NAME	Bennett J. Berson
SIGNATURE	
Registration No. (Attorney/Agent)	37,094
DATE	April 8, 2002

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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as Express Mail (ET924501567US) in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Signature and Deposit: April 8, 2002


Bennett J. Berson



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William F. Dove
Alexandra Shedlovsky

Date: April 8, 2002

Serial No.: 09/114,973

Group Art Unit: 1632

Filed: 07/14/98

Examiner: J. Woitach

Title: METHOD FOR IDENTIFYING
MUTANTS AND MOLECULES

Docket No.: 960296.95491

PRELIMINARY AMENDMENT


Commissioner For Patents
Washington DC 20231

Dear Sir:

In response to an Office Action mailed November 7, 2001, please amend the application as follows:

In the Claims:

Please amend Claims 27 and 28 and add new Claims 30 – 42, as follows:

 1. A method for identifying a segregating single point mutation at a genetic locus that modifies an index phenotype in a non-human index inbred strain, the segregating mutation causing an outlying phenotype relative to the index phenotype, the method comprising the steps of:

outcrossing at least one male animal of a non-human founder inbred strain to at least one female animal of a non-human index inbred strain to obtain F1 progeny, the founder inbred strain carrying random point mutations relative to a wild-type animal of the founder inbred strain, the index inbred strain carrying a congenic dominant allele at a locus known to confer the index phenotype and being genetically distinguishable from the founder inbred